

Express Mail No.: EV 869897978 US Date of Deposit: April 4, 2008

Page 1 of 3 Attorney Docket No.: 24024-506 CON RCE

Modified Form 1449/PTO						Application Number		10/767,	10/767,064			
						Filing	Date	Januar	, 29, 2004	ļ		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT						First Named Inventor Group Art Unit		Peled 1632				
				Examiner Name		Anoop K. Singh						
				Attorn	ey Docket Number	ocket Number 24024-506 CON RCE						
	Sir				٠U.	S. PATEN	T DOCUMENTS					
Exam Initials	Cite No.		S. Patent cument No.		Date	Pate Name of Patentee(s) or Applicant(s)		Class	Sub Class	Filing If App	Date ropriate	
/A.S./	*A149		378,725	01/03/	95	Bonjouklian et al.		514	453			
9999	*A150	5,4	180,906	01/02/	96	Creemer	et al.	514	453			
-	*A151	5,5	504,103	04/02/	96	Bonjoukli	an et al.	514	453			
V	*A152	6,4	113,773 B1	07/02/	02	2 Ptasznik et al.		435	377			
/Å.S./	*A153	7,1	169,605 B2 01/30/0		707 Peled et al.		435	326				
		- Carder - 1			COLUMN TO STREET, C.	The state of the s	PLICATION DOCUMENTS				ida. I	
Exam Initials	Cite N		U.S. Published Pu Application No.		Date Name of Patentee(s) or Applicant(s)			Class	Sub Class		ng Date If propriate	
/A.S./	*A154	20	003/0149074 A1 08/		/07/03	Meles	se et al.	514	312			
/A.S.	*A155 20		03/0215445 A1 11/		/20/03	Serre	ro	424	145.1			
	*A156	20	2005/0220774 A1		/06/05	Pelec	Peled et al.	424	93.21			
120		Name of the Control o		The second second	FOR	EIGN PAT	ENT DOCUMENTS		<b>***</b>			
Exam Initials	Cite Foreign Patent Document Name of Office Number			e of Patent	ee(s) or Applicant(s)	Date of Transla Yes		slation No				
/A.S.,	B25	EP	1 332 673 A1		GAMIDA CELL LTD.;  HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD.		08/06/03	•				
	B26	EP	1 332 676 b1		IDEB	EBIO, S.L.		08/06/03	}			
	B27	wo	94/18991		CELT	TRIX PHAI	RIX PHARMACEUTICALS, INC.		09/01/94			
	B28	wo	96/01108		ELIL	ILLY AND	COMPANY	01/18/96				
	B29	WO	03/072557 A1			ARTIS AG ARTIS PH	RTIS AG; RTIS PHARMA CMBH		•			
/A.S	B30 /	wo	WO 2005/086845 A2		REGENTS OF THE UNIVERSITY OF CALIFORNIA			09/22/05				

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.				
/A.S./	C274	ACS, "Chelation Therapy", American Cancer Society, pp. 1-5 (2006)				
/A.S./	C275	Avital et al., "Isolation, Characterization, and Transplantation of Bone Marrow-Derived Hepatocyte Stem Cells", <i>Biochem. Biophy. Res. Comm.</i> , 288(1):156-164 (2001)				
/A.S./	C276	Banasik et al., "Specific Inhibitors of Poly(ADP-Ribose) Synthetase and Mono(ADP-Ribosyl)Transferase", J. Bio. Chem., 267(3):1569-1575 (1992)				

Page 2 of 3 Attorney Docket No.: 24024-506 CON RCE

Express Mail No.: EV 869897978 US Date of Deposit: April 4, 2008

Exam Cite Initials No.		Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
/A.S	C277 ./	Charrier et al., "Normal Human Bone Marrow CD34+CD133+ Cells Contain Primitive Cells Able to Produce Different Categories of Colony-Forming Unit Megacaryocytes in Vitro", Exper. Hema., 30:1051-1060 (2002)					
C278		Coutinho et al., "Effects of Recombinant Human Granulocyte Colony-Stimulating Factor (CSF), Human Granulocyte Macrophage-CSF, and Gibbon Interleukin-3 on Hematopoiesis Human Long-Term Bone Marrow Culture", <i>Blood</i> , 75(11):2118-2129 (1990)					
	C279	Fasouliotis et al., "Human Umbilical Cord Blood Banking and Transplantation: A State of Art", Euro. J. Obstet. Gynec. Reprod. Bio., 90(1):13-25 (2000)					
	C280	Ferrero et al., "The Metamorphosis of A Molecule: From Soluble Enzyme to the Leukocyte Receptor CD38", J. Leuk. Bio., 65(2):151-161 (1999)					
	C281	Gossler et al., "Transgenesis by Means of Blasocyst-Derived Embroyonic Stem Cell Lines", <i>PNAS</i> , 83:9065-9069 (1986)					
	C282	Jackson et al., "Regeneration of Ischemic Cardiac Muscle and Vascular Endothelium by Adult Stem Cells", J. Clin. Invest., 107:1395-1402 (2001)					
	C283	Keith et al., "Multicomponent Therapeutics for Networked Systems", Nat. Rev.: Drug Disc., 4:1-8 (2005)					
	C284	Kocher et al., "Neovascularization of Ischemic Myocardium by Human Bone-Marrow-Derived Angioblasts Prevents Cardiomyocyte Apoptosis, Reduces Remodeling and Improves Cardiac Function", Nat. Med., 7(4):430-436 (2001)					
	C285	Kumagai et al., "Ligation of CD38 Suppresses Human B Lymphopoiesis", J. Exp. Med., 181(3):1101-1110 (1995)					
	C286	Lam et al., "Preclinical Ex Vivo Expansion of Cord Blood Hematopoietic Stem and Progenitor Cell Duration of Culture; the Media, Serum Supplements, and Growth Factors Used; and Engraftment in NOD/SCID Mice", Transfusion, 41(12):1567-1576 (2001) (Abstract)					
	C287	Lianguzova et al., "PI3-Kinase Inhibitors LY294002 and Wortmannin Have Different Effects on Proliferation of Murine Embryonic Stem Cells", <i>Tsitologiia</i> , 48(7):560-568 (2006) (English Abstract Only)					
	C288	Mehta et al., "Human CD38, A Cell-Surface Protein With Multiple Functions", J. FASEB, 10(12):1408-1417 (1996)					
	C289	Orlic et al., "Mobilized Bone Marrow Cells Repair the Infarcted Heart, Improving Function and Survival", <i>PNAS</i> , 98(18):10344-10324 (2001)					
	C290	Ostrakhovitch et al., "Copper Ions Strongly Activate the Phosphoinositide-3-Kinase/Akt Pathway Independent of the Generation of Reactive Oxygen Species", Arch. Biochem. Biophy., 397(2):232-239 (2002)					
	C291	Paling et al., "Regulation of Embryonic Stem Cell Self-renewal by Phosphoinositide 3-Kinase-dependent Signaling", J. Bio. Chem., 279(46):48063-48070 (2004)					
V	C292	Peters et al., "Long-Term Ex Vivo Expansion of Human Fetal Liver Primitive Haematopoietic Progenitor Cells in Stroma-Free Cultures", <i>Brit. J. Haemat.</i> , 119:792-802 (2002)					
/A.	<b>C293</b> S./	Ramsfjell et al., "Distinct Requirements for Optimal Growth and In Vitro Expansion of Human CD34+CD38- Bone Marrow Long-Term Culture-Initiating Cells (LTC-IC), Extended LTC-IC, and Murine In-Vivo Long-Term Reconstituting Stem Cells", <i>Blood</i> , 94(12):4093-4102 (1999)					

Express Mail No.: EV 869897978 US

Page 3 of 3

Date of Deposit: April 4, 2008

Attorney Docket No.: 24024-506 CON RCE

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
/A.S./	C294	Rankin et al., "Quantitative Studies of Inhibitors of ADP-Ribosylation In Vitro and In Vivo", J. Bio. Chem., 264(8):4312-4317 (1989)
/A.S./	C295	Silvenoinen et al., "CD38 Signal Transduction in Human β Cell Precursors. Rapid Induction of Tyrosine Phosphorylation, Activiation of Syk Tyrosine Kinase and Phosphorylation of Phospholipase C-Gamma and Phosphatidylinositol 3-Kinase", J. Immun., 156(1):100-107 (1996) (Abstract)
/A.S.	C296	Wulf et al., "Somatic Stem Cell Plasticity: Current Evidence and Emerging Concepts", Exp. Hemat., 29:1361-1370 (2001)
/A.S./	C297	Yang et al., "In Vitro Trans-Differentiation of Adult Hepatic Stem Cells Into Pancreatic Endocrine Hormone-Producing Cells", PNAS, 99(12):8078-8083 (2002)

<sup>\*</sup> By the waiver of 37 CFR 1.98(a)(2)(ii) copies of the U.S. Patents A149-A143 and U.S. Published Applications A154-A156 are not submitted.

Examiner Signature	/Anoop Singh/	Date Considered	10/28/2008
-----------------------	---------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ACTIVE 4293967v.1